

EAST Search History

EAST Search History (Prior Art)

| Ref # | Hits | Search Query | DBs | Default Operator | Plurals | Time Stamp |
|-------|------|---|---|------------------|---------|---------------------|
| S1 | 4 | 384/100.ccls. and ((shaft with flange) same tapered) | US-PGPUB; USPAT; USOCR; FPRS; EPO; JPO; DERWENT; IBM_TDB | OR | ON | 2009/09/17 14:21 |
| S2 | 180 | 384/100.ccls. and (shaft same flange) | US-PGPUB; USPAT; USOCR; FPRS; EPO; JPO; DERWENT; IBM_TDB | OR | ON | 2009/09/17 14:23 |
| S3 | 5 | ("20020018603" "6033118" "6252322" "6851859" "7005768").PN. | US-PGPUB; USPAT; USOCR | OR | OFF | 2009/09/17 14:33 |
| S4 | 4 | ("20020037118" "5645355" "5821655" "6105250").PN. | US-PGPUB; USPAT; USOCR | OR | OFF | 2009/09/17 14:35 |
| S5 | 4 | ("20020037118" "5645355" "5821655" "6105250").PN. | US-PGPUB; USPAT; USOCR | OR | OFF | 2009/09/17 14:35 |
| S6 | 3 | ("6851859").URPN. | USPAT | OR | OFF | 2009/09/17 14:35 |
| S7 | 6 | ("5715116" "5822846" "5914832" "6512654" "6657340" "6787954").PN. | US-PGPUB; USPAT; USOCR | OR | OFF | 2009/09/17 14:36 |
| S8 | 8 | ("4774749" "4875263" "4934836" "5009520" "5129739" "6390681" "6439774" "6846109"). PN. | US-PGPUB; USPAT; USOCR | OR | OFF | 2009/09/17 14:38 |
| S9 | 7 | ("5067528" "5524728" "5601125" "5778948" "5894868" "6066903" "6305439").PN. | US-PGPUB; USPAT; USOCR | OR | OFF | 2009/09/17 14:39 |
| S10 | 8 | ("3445148" "5127744" "5357162" "5683183" "5704718" "5810479" "5941646").PN. | US-PGPUB; USPAT; USOCR | OR | OFF | 2009/09/17 14:41 |

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|-----|----------|---|---|----|-----|---------------------|
| S11 | 328 | ((hydrodynamic with bearing) and (shaft same sleeve) and (flange with thrust)) | US-PGPUB; USPAT; USOCR; FPRS; EPO; JPO; DERWENT; IBM_TDB | OR | ON | 2009/09/17 14:49 |
| S12 | 191 | ((hydrodynamic with bearing) and (shaft same sleeve) and (flange with thrust) and seal) | US-PGPUB; USPAT; USOCR; FPRS; EPO; JPO; DERWENT; IBM_TDB | OR | ON | 2009/09/17 14:50 |
| S13 | 1 | ("2004282955").PN. | JPO | OR | OFF | 2009/09/17 17:16 |
| S14 | 1 | ("2000270530").PN. | JPO | OR | OFF | 2009/09/17 17:20 |
| S15 | 6 | ("5715116" "5822846" "5914832" "6512654" "6657340" "6787954").PN. | US-PGPUB; USPAT; USOCR | OR | OFF | 2009/09/17 18:08 |
| S16 | 4 | ("4509803" "4582368" "5120140" "5282688").PN. | US-PGPUB; USPAT; USOCR | OR | OFF | 2009/09/17 18:40 |
| S17 | 11 | ("5704718").URPN. | USPAT | OR | OFF | 2009/09/17 18:40 |
| S18 | 10056040 | (Shaft with rounded with edge surface) | US-PGPUB; USPAT; USOCR; FPRS; EPO; JPO; DERWENT; IBM_TDB | OR | OFF | 2009/09/17 18:48 |
| S19 | 79 | (Shaft with (rounded near edge) with surface) | US-PGPUB; USPAT; USOCR; FPRS; EPO; JPO; DERWENT; IBM_TDB | OR | OFF | 2009/09/17 18:49 |
| S20 | 315 | (Shaft with (rounded near edge)) | US-PGPUB; USPAT; USOCR; FPRS; EPO; JPO; DERWENT; IBM_TDB | OR | OFF | 2009/09/17 18:53 |
| S21 | 1 | (Shaft with (tapered near rounded near edge)) | US-PGPUB; USPAT; USOCR; FPRS; EPO; JPO; DERWENT; IBM_TDB | OR | OFF | 2009/09/17 18:57 |

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| S22 | 4 | (Shaft with (tapered near edge) with rounded) | US-PGPUB; USPAT; USOCR; FPRS; EPO; JPO; DERWENT; IBM_TDB | OR | OFF | 2009/09/17 18:58 |
| S23 | 9 | ("5141338" "5715116" "5822846" "5880545" "6057619" "6242830" "6310415" "6354742" "6364532").PN. | US-PGPUB; USPAT; USOCR | OR | OFF | 2010/06/11 14:36 |
| S24 | 48 | ("5715116").URPN. | USPAT | OR | OFF | 2010/06/11 14:37 |
| S25 | 6 | ("5715116" "5822846" "5914832" "6512654" "6657340" "6787954").PN. | US-PGPUB; USPAT; USOCR | OR | OFF | 2010/06/11 14:39 |
| S26 | 6 | ("3449028" "4547081" "4557610" "5018881" "5141338"). PN. | US-PGPUB; USPAT; USOCR | OR | OFF | 2010/06/11 14:40 |
| S27 | 7 | ("5067528" "5524728" "5601125" "5778948" "5894868" "6066903" "6305439").PN. | US-PGPUB; USPAT; USOCR | OR | OFF | 2010/06/11 14:50 |
| S28 | 13 | ("6733180").URPN. | USPAT | OR | OFF | 2010/06/11 14:51 |
| S29 | 2 | ("6217218" "6456458").PN. | US-PGPUB; USPAT; USOCR | OR | OFF | 2010/06/11 15:03 |
| S30 | 8 | ("3445148" "5127744" "5357162" "5683183" "5704718" "5810479" "5941646").PN. | US-PGPUB; USPAT; USOCR | OR | OFF | 2010/12/17 19:13 |
| S31 | 18 | ("6250807").URPN. | USPAT | OR | OFF | 2010/12/17 19:15 |
| S32 | 6 | ("3449028" "4547081" "4557610" "5018881" "5141338"). PN. | US-PGPUB; USPAT; USOCR | OR | OFF | 2010/12/17 19:19 |
| S33 | 5 | ("4538929" "4573807" "4797009" "4798480" "4961122"). PN. | US-PGPUB; USPAT; USOCR | OR | OFF | 2010/12/17 19:19 |
| S34 | 30 | ("5141338").URPN. | USPAT | OR | OFF | 2010/12/17 19:20 |
| S35 | 5 | ("4795275" "5141338" "5559382" "5791785" "5806987"). PN. | US-PGPUB; USPAT; USOCR | OR | OFF | 2010/12/17 19:21 |

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|-----|------|---|---|----|-----|---------------------|
| S36 | 6 | ("20030190100" "20040032175" "5423612" "5715116" "6154339" "6181039").PN. | US-PGPUB; USPAT; USOCR | OR | OFF | 2010/12/17 19:29 |
| S37 | 2 | ((hydraulic with bearing) same (shaft with blunt)) | US-PGPUB; USPAT; USOCR; FPRS; EPO; JPO; DERWENT; IBM_TDB | OR | ON | 2010/12/18 15:12 |
| S38 | 12 | ("3823557").URPN. | USPAT | OR | OFF | 2010/12/18 15:14 |
| S39 | 10 | ("2672819" "2991723" "3823557" "4492527" "4776260" "5061155" "5092741").PN. | US-PGPUB; USPAT; USOCR | OR | OFF | 2010/12/18 15:15 |
| S40 | 3 | ("5299918").URPN. | USPAT | OR | OFF | 2010/12/18 15:16 |
| S41 | 6 | ((fluid with bearing) same (shaft with blunt)) | US-PGPUB; USPAT; USOCR; FPRS; EPO; JPO; DERWENT; IBM_TDB | OR | ON | 2010/12/18 15:24 |
| S42 | 0 | (tapared with shaft with blunt) | US-PGPUB; USPAT; USOCR; FPRS; EPO; JPO; DERWENT; IBM_TDB | OR | ON | 2010/12/18 15:25 |
| S43 | 152 | (tapered with shaft with blunt) | US-PGPUB; USPAT; USOCR; FPRS; EPO; JPO; DERWENT; IBM_TDB | OR | ON | 2010/12/18 15:25 |
| S44 | 8638 | (bearing with tapered with shaft) | US-PGPUB; USPAT; USOCR; FPRS; EPO; JPO; DERWENT; IBM_TDB | OR | ON | 2010/12/18 15:31 |
| S45 | 757 | ((fluid with bearing) same (tapered with shaft)) | US-PGPUB; USPAT; USOCR; FPRS; EPO; JPO; DERWENT; IBM_TDB | OR | ON | 2010/12/18 15:32 |

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|-----|-----|--|---|----|-----|---------------------|
| S46 | 13 | ("20020025090" "20020051588" "20030012465" "20030113045" "20050147336" "2704234" "5357272" "5659445" "5731831" "6175174" "6340854" "6574186").PN. | US-PGPUB; USPAT; USOCR | OR | OFF | 2010/12/18 15:37 |
| S47 | 12 | ("2457472" "3121583" "3663849" "4093323" "5270737" "6310415" "6318976" "6498412" "6836041" "6902323").PN. | US-PGPUB; USPAT; USOCR | OR | OFF | 2010/12/18 15:40 |
| S48 | 7 | ("4348065" "5667309" "5993066" "6176618" "6378209" "6717310" "6789992").PN. | US-PGPUB; USPAT; USOCR | OR | OFF | 2010/12/18 15:43 |
| S49 | 11 | ("20030030222" "4254961" "5246294" "5403098" "5558443" "5558445" "5658080" "6219199" "6246136" "6301074" "6404586").PN. | US-PGPUB; USPAT; USOCR | OR | OFF | 2010/12/18 15:47 |
| S50 | 1 | ("2003322136").PN. | JPO | OR | OFF | 2010/12/18 16:03 |
| S51 | 1 | ("2004282955").PN. | JPO | OR | OFF | 2010/12/18 16:06 |
| S52 | 416 | ((tapered with shaft) same ((smooth or rounded) with edge)) | US-PGPUB; USPAT; USOCR; FPRS; EPO; JPO; DERWENT; IBM_TDB | OR | ON | 2010/12/18 16:16 |

12/ 19/ 2010 6:14:22 PM

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with tapered shaft 10584314.wsp